

Report Date: 25 Jun 2014

Summary Report for Individual Task
551-88K-3509
Monitor Ocean Towing Operations Onboard a Vessel
Status: Approved

Distribution Restriction: Approved for public release; distribution is unlimited.

Destruction Notice: None

Foreign Disclosure: FD1 - The materials contained in this course have been reviewed by the course developers in coordination with the Fort Lee foreign disclosure authority. This course is releasable to students from all requesting foreign countries without restrictions.

Condition: As a boatswain assigned to an Army Ocean Going Tug, given: completed risk assessment, vessel, crew, TC 4-15.51, FM 4-01.502, COMDTINST_M16672_2D, DA 4640, Personal Protective Equipment (PPE) towing lines, towing cables, shackles, and seizing wire, chafing gear, day or night in all weather conditions in an operational environment. Some iterations of this task should be performed in MOPP 4.

Standard: Whentowing inopen watermonitor crew to eensure safe voyage to required destination from preparation ofthe vessel for different types of tows, and safe use of proper equipmentbefore duringandafter the towing operation.

Special Condition: None

Safety Risk: Low

MOPP 4: Sometimes

Task Statements

Cue: None

<div>DANGER</div> <div>None</div>

<div>WARNING</div> <div>None</div>

<div>CAUTION</div> <div>None</div>

Remarks: None

Notes: None

Performance Steps

1. Supervise the crewmembers preparing the vessel for ocean towing operations.

a. Prior to the towing operation:

(1) Ensure all towing gear are readily available.

(2) Inspects each towing gear

b. Check the towing lines

(1) Ensure the towing hawser is faked out on the stern of the vessel with the eye of the hawser leading back over the top of the "H" bitt, over the shoulder of the horn, and back through the legs of the bitt.

(2) Ensure that small stuff is available to secure the line.

(3) Insure chafing gear is readily available.

(4) Inspects towing lines.

(5) Inspects spring line.

(6) Inspects bow line.

(7) Inspects Stern line.

(8) Inspects starboard safety line.

(9) Inspects port safety line.

c. Inspect the bitts

(1) Inspects pusher cable for port bitts.

(2) Inspects pusher cable for starboard bitts.

d. Wait for the vessel master's instruction.

2. Monitor preparation of vessel for stern tow by completing the following:

a. Inspects towing gear

b. Signals master to place tug alongside tow

c. Instructs personnel to secure bridle on towing bitts of barge

d. Supervises the draping of towline across the bow of the barge and its securing with small stuff

e. Instructs personnel to ensure bridle cannot become fouled

f. Directs the securing of towline on H-bitts of the tug

g. Instructs personnel to seize all shackles

h. Instructs personnel to install chafing gear once tow is dropped astern.

3. Monitor tow while being moved

4. Monitor securing of tow to its new location

5. Monitor casting off of lines from tow

6. Continue to monitor the towing operation while the vessel is underway.

(Asterisks indicates a leader performance step.)

Evaluation Guidance: Score the soldier a GO if all performance measures are correctly completed/pass (P). Score the Soldier a NO-GO if any of the performance measures are missed or incorrectly performed/fail (F).

Evaluation Preparation: Ensure that all information, references and equipment required to perform the task are available. Use the FM and the evaluation guide to score the soldier's performance. Brief the soldier. Tell the soldier what he is required to do IAW the task conditions and standards. Test this task in conjunction with Basic Navigation assessment. Ensure Soldier understands why this task is important to the overall safe navigation of the vessel.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Monitored the crewmembers in preparing the vessel for ocean towing operations by completing the following.			
a. Inspects each towing gear.			
b. Ensured the towing hawser is faked out on the stern of the vessel with the eye of the hawser leading back over the top of the "H" bitt, over the shoulder of the horn, and back through the legs of the bitt.			
c. Ensured that small stuff is available to secure the line.			
d. Insured chafing gear is readily available.			
e. Inspects towing lines			
f. Inspects Stern line.			
g. Inspects starboard safety line.			
h. Inspects port safety line.			
i. Inspects pusher cable for port bitts.			
j. Inspects pusher cable for starboard bitts.			
k. Wait for the vessel master's instruction.			
2. Monitored preparation of vessel for stern tow by ensuring the completion of the following			
a. Inspects towing gear			
b. Signals master to place tug alongside tow			
c. Instructs personnel to secure bridle on towing bitts of barge			
d. Supervises the draping of towline across the bow of the barge and its securing with small stuff			
e. Instructs personnel to ensure bridle cannot become fouled			
f. Directs the securing of towline on H-bitts of the tug			
g. Instructs personnel to seize all shackles			
h. Instructs personnel to install chafing gear once tow is dropped astern			
3. Monitored tow while being moved			
4. Monitored securing of tow to its new location			
5. Monitored casting off of lines from tow			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	FM 4-01.502	ARMY WATERCRAFT SAFETY	No	No
	TC 4-15.51	Marine Crewman's Handbook	No	No

Environment: Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT. Environmental Statement: Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-02 ENVIRONMENTAL-RELATED RISK ASSESSMENT

Safety: In a training environment, leaders must perform a risk assessment in accordance with ATP 5-19, Risk Management. Leaders will complete the current Deliberate Risk Assessment Worksheet in accordance with the TRADOC Safety Officer during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination.

Prerequisite Individual Tasks :

Task Number	Title	Proponent	Status
551-88K-2511	Perform Ocean Towing Operations Onboard a Vessel	551 - Transportation (Individual)	Approved

Supporting Individual Tasks :

Task Number	Title	Proponent	Status
551-88K-4513	Enforce vessel pre-sail requirements	551 - Transportation (Individual)	Approved
551-88K-2515	Conduct Watch Standing Procedures Onboard a Class B Vessel	551 - Transportation (Individual)	Approved
551-88K-2718	Apply Advanced Marlinespike Seamanship	551 - Transportation (Individual)	Approved
551-88K-2509	Perform Inland Towing Operations Onboard a Vessel	551 - Transportation (Individual)	Obsolete
551-88K-4742	Monitor Advanced Marlinespike Seamanship	551 - Transportation (Individual)	Approved

Supported Individual Tasks :

Task Number	Title	Proponent	Status
551-88K-2511	Perform Ocean Towing Operations Onboard a Vessel	551 - Transportation (Individual)	Approved
551-88K-2512	Perform Rescue Operations Onboard a Vessel	551 - Transportation (Individual)	Approved
551-88K-2506	Conduct Vessel Pre-Sail Requirements Onboard a Class B Vessel	551 - Transportation (Individual)	Approved
551-88K-2509	Perform Inland Towing Operations Onboard a Vessel	551 - Transportation (Individual)	Obsolete
551-88K-4721	Develop a Voyage Plan Onboard a Vessel	551 - Transportation (Individual)	Approved

Supported Collective Tasks :

Task Number	Title	Proponent	Status
55-2-0008(Step: 2.)	Conduct Watercraft Salvage Operations	55 - Transportation (Collective)	Approved
55-2-0036	Prepare Vessel for Towing Operations.	55 - Transportation (Collective)	Approved
55-2-0008(Step: 1.)	Conduct Watercraft Salvage Operations	55 - Transportation (Collective)	Approved
55-2-0008	Conduct Watercraft Salvage Operations	55 - Transportation (Collective)	Approved
55-2-0044	Recover Disable Vessel with Large Tug.	55 - Transportation (Collective)	Approved
55-2-0043	Pass Ocean Tow to a Harbor Tug.	55 - Transportation (Collective)	Approved

ICTL Data :

ICTL Title	Personnel Type	MOS Data
MOS 88K Watercraft Operator SL 4	Enlisted	MOS: 88K, Skill Level: SL4, Duty Pos: TFJ
MOS 88K Watercraft Operator SL3	Enlisted	MOS: 88K, Skill Level: SL3, Duty Pos: TAV